

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Unknown 10/69 4978
				Filing Date	Herewith 10/27/03
				First Named Inventor	Jacqueline C. TIMANS
				Art Unit	Unknown 1646
				Examiner Name	Unknown Prema Menz-
				Attorney Docket Number	DX0904KB1
Sheet	1	of	5		

[illegible]

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>6</sup> (if known)				
PM	AA	WO 99/06426	02-11-1999	PCT	pages 1 and 13	
	AB	WO 99/07850	02-18-1999	PCT		
	AC	WO 99/36541	07-22-1999	PCT		
	AD	EP 0 541 920 A1	05-19-1993	EPO		
	AE	EP 0 855 404 A1	07-29-1998	EPO		

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			First Named Inventor	Jacqueline C. TIMANS	
			Art Unit	Unknown 1646	
			Examiner Name	Unknown Prema Mung	
Sheet	2	of	5	Attorney Docket Number	DX0904KB1

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PM	AF	P.E. AURON, et al., GenPept, Accession Number 124303, July 15, 1998. Definition: INTERLEUKIN-1 BETA PRECURSOR (IL-1 BETA) (CATABOLIN)"	
	AG	GREGORY J. BANCROFT, et al., Immunol. Reviews, 124:5-24, 1991. "Natural Immunity: A T-Cell-Independent Pathway of Macrophage Activation, Defined in the scid Mouse"	
	AH	J. FERNANDO BAZAN, et al., Nature, 379:591, February 15, 1996. "A newly defined interleukin-1?"	
	AI	MARCIA P. BELVIN, et al., Annu. Rev. Cell Dev. Biol., 12:393-416, 1996. "A conserved signaling pathway; The Drosophila TollDorsal Pathway"	
	AJ	M.J. CARRIER, GenBank, Accession Number X64532, June 25, 1997. Definition: "H.sapiens gene for Interleukin-1 receptor antagonist"	
	AK	D.B. CARTER, et al., GenPept, Accession Number 124312, July 15, 1998. Definition: Interleukin-1 receptor antagonist protein precursor (IL-1RA) (ICIL-1RA) (IRAP)"	
	AL	FABIO COMINELLI, et al., J. Biol. Chem., 296(9):6962-6971, March 4, 1994. "Rabbit Interleukin-1 Receptor Antagonist"	
	AM	F. COMINELLI, et al., GenBank, Accession Number S68977, September 22, 1994. Definition: "sIL-1ra=interleukin-1 receptor antagonist secreted form [rabbits, colon tissue, mRNA, 574 nt.]"	
	AN	CHARLES A. DINARELLO, Blood, 77(8):1627-1652, April 15, 1991. "Interleukin-1 and Interleukin-Antagonism"	
	AO	CHARLES A. DINARELLO, The FASEB Journal, 8:1314-1325, December 1994. "The interleukin-1 family: 10 years of discovery"	
	AP	CHARLES A. DINARELLO, Blood, 87(6):2095-2147, March 15, 1996. "Biologic Basis for interleukin-1 in Disease"	
	AQ	W.H. GILMORE, et al., GenBank, Accession Number Z70047, March 11, 1996. Definition: "C.familiaris mRNA for interleukin-1 beta"	
	AR	F. GOTO, et al., GenBank, Accession Number D21832, April 21, 1994. Definition: "Rabbit mRNA for interleukin-1 receptor antagonist, complete cds."	
	AS	ANGELA M. GRONENBORN and G. MARIUS CLORE, Protein Engineering, 4(3):263-269, 1991. "Modeling the three-dimensional structure of the monocyte chemo-attractant and activating protein MCAF/MCP-1 on the basis of the solution structure of interleukin-8"	
↓	AT	H. HAMADA and R.C. MULLIGAN, et al., GenBank, Accession Number M57526, January 30, 1992. Definition: "Rabbit interleukin-1 receptor antagonist (IL1RA) mRNA, complete cds."	

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Substitute for form 1449/PTO			<b>C mplete if Known</b>		
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			First Named Inventor	Jacqueline C. TIMANS	
			Art Unit	Unknown 1646	
			Examiner Name	Unknown Prima Munk	
Sheet	3	of	5	Attorney Docket Number	DX0904KB1

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
PM	AU	STEVEN K. HANKS, et al., Methods in Enzymology, 200:38-62, 1991. "[2] Protein Kinase Catalytic Domain Sequence Database: Identification of Conserved Features of Primary Structure and Classification of Family Members"		
	AV	C.H. HANNON, et al., GenBank, Accession Number I09591, November 14, 1994. Definition: "Sequence 1 from Patent WO 8911540"		
	AW	C.H. HANNON, et al., GenBank, Accession Number I09592, November 14, 1994. Definition: "Sequence 3 from Patent WO 8911540"		
	AX	DAN HULTMARK, Nature, 367:116-117, January 13, 1994. "Ancient Relationships"		
	AY	C.A. HUNTER, et al., J. Immunology, 155:4347-4345, 1995. "IL-1 $\beta$ Is Required for IL-12 to induce Production of IFN- $\gamma$ by NK Cells. A Role for IL-1 $\beta$ in the T Cell-Independent Mechanism of Resistance Against Intracellular Pathogens."		
	AZ	J.K. JENKINS, et al., GenBank, Accession Number U65590, December 22, 1997. Definition: "Homo sapiens IL-1 receptor antagonist IL-1Ra (IL-1RN) gene, alternatively spliced forms, complete cds."		
	BA	BRUNO LEMAITRE, et al., Cell, 86:973-983, September 20, 1996. "The Dorsoventral Regulatory Gene Cassette spätzle/Toll/cactus Controls the Potent Antifungal Response in Drosophila Adults"		
	BB	S.R. LEONG, GenBank, Accession Number X12497, March 13, 1995. Definition: "Bovine mRNA for Interleukin-1 alpha"		
	BC	PATRICIA J. LODI, et al., Science, 263:1762-1767, March 25, 1994. "High-Resolution Structure of the $\beta$ Chemokine hMIP-1 $\beta$ by Multidimensional NMR"		
	BD	C.R. MALISZEWSKI, GenBank, Accession Number X52731, March 31, 1995. Definition: "Pig mRNA for interleukin 1-alpha"		
	BE	C.J. MARCH, et al., GenPept, Accession Number 124297, October 1, 1996. Definition: "Interleukin-1 alpha precursor (IL-1 alpha (hematopoietin-1))"		
	BF	M. MARRA, et al., GenBank, Accession Number AA030324, January 21, 1997. Definition: "mi08c10.r1 Soares mouse placenta 4NbMP13.5 14.5 Mus musculus cDNA clone 459858 5', mRNA sequence"		
	BG	M. MARRA, et al., GenBank, Accession Number W08205, September 5, 1996. Definition: "mb49b11.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 332733 5' similar to PIR:A49031 A49031 interleukin 1 receptor antagonist - mouse ; mRNA sequence"		

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Sheet	4	of	5	Attorney Docket Number	DX0904KB1

NON PATENT LITERATURE DOCUMENTS			
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PM	BH	Y. MASAOKI, et al., GenBank, Accession Number E01109, November 26, 1996. Definition: "cDNA sequence of human IL-1"	
	BI	Y. MASAOKI, et al., GenBank, Accession Number E01442, November 26, 1996. Definition: "cDNA encoding human IL-1"	
	BJ	CATHERINE J. MCMAHAN, et al., The EMBO Journal, 10(10):2821-2832, October 1991. "A novel IL-1 receptor, cloned from B cells by mammalian expression, is expressed in many cell types"	
	BK	DONALD MORISATO & KATHRYN V. ANDERSON, Annu. Rev. Genetics, 29:371-399, 1995. "Signaling pathways that establish the dorsal-ventral pattern of the Drosophila embryo"	
	BL	T. NISHIDA, et al., GenBank, Accession Number D00403, January 19, 1992. Definition: "Rat interleukin-1 alpha mRNA, complete cds."	
	BM	HARUKI OKAMURA, et al., Nature, 378:88-91, November 2, 1995. "Cloning of a new cytokine that induces IFN-g production by T cells"	
	BN	JOOST J. OPPENHEIM, et al., Ann. Rev. Immunol. 9:617-648, 1991. "Properties of the novel proinflammatory supergene 'intercrine' cytokine family"	
	BO	LAURA L. PARKER, et al., NATURE, 363:736-738, June 24, 1993. "Phosphorylation and inactivation of the mitotic inhibitor Wee1 by the nim1/cdr1 kinase"	
	BP	HELGE ROTHE, et al., The Journal of Clinical Investigation, 99(3):469-474, February 1997. "Active Stage of Autoimmune Diabetes Is Associated with the Expression of a Novel Cytokine, IGIF, Which Is Located Near Idd2 "	
	BQ	ROGER A. SAYLE & E. JAMES MILNER-WHITE, TIBS, 20:374-376, September 1995. "RASMOL: biomolecular graphics for all"	
	BR	H.F. SEOW, GenBank, Accession Number X56972, May 26, 1992. Definition: "Ovine IL-1 beta mRNA for interleukin-1 beta"	
	BS	DIRK E. SMITH, et al. J. Biol. Chem. 275(2):1169-1175, Jan. 14, 2000. "Four new members expand the interleukin-1 superfamily"	
	BT	ROBERT STRAUSBERG (NCI-CGAP), GenBank, Accession No. AI014548, August 27, 1998. Definition: "ou40f01.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1628761 3', mRNA sequence."	
	BU	J.L. TELFORD, et al., GenBank, Accession Number X04964, September 16, 1994. Definition: "Murine interleukin-1 beta gene"	

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